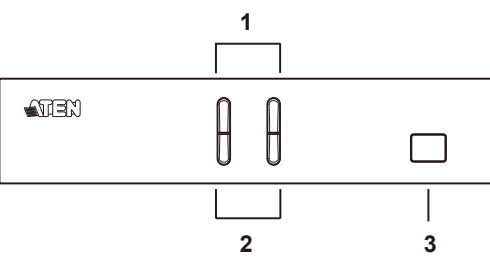
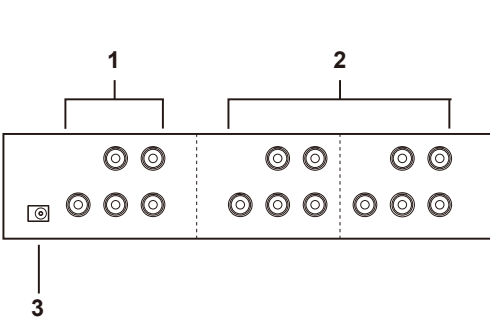


ATEN VS-231/VS-431 HDTV A/V Switch User Guide

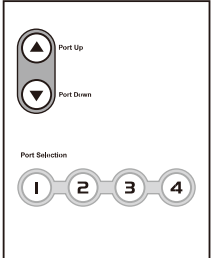
VS-231 Front View



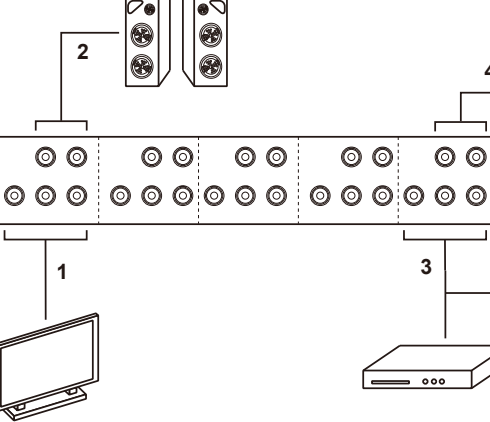
VS-231 Rear View



IR Remote Controller



Installation Diagram (VS-431)



Packing List

- 1 HDTV A/V Switch
- 1 IR Remote Controller
- 1 Power Adapter
- 1 User Guide



User Guides and Quick Start Guides
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Hardware Requirements

Signal Requirements

- Component video (Y/Pb/Pr) and RCA stereo audio output jacks

Audio/Video Load (Devices)

- A display device having component video input jacks
- An audio receiver, speakers, or display device having RCA stereo audio input jacks

Cables

- Two VS-231 or four VS-431 cable sets with component video (Y/Pb/Pr) and stereo audio connectors are required to properly operate the HDTV A/V Switch.

Note: Cables are not included in this package.

Hardware Overview

VS-231 /VS-431 Front View

#	Description	Function
1	Port Selection Switches	Pressing a switch routes the source from the corresponding input port to the output port for display.
2	Port LEDs	The Port LEDs are built into the Port Selection Switches. The ON LINE LED (green) lights to indicate that the device attached to the corresponding port is powered on. The SELECTED LED (green) lights to indicate that the port is selected.
3	IR Receiver	The receiver for the IR remote controller.

VS-231 /VS-431 Rear View

#	Description	Function
1	Audio/Video Out	The output section is comprised of component video and stereo audio jacks (RCA female).
2	Audio/Video In	The input section is comprised of component video and stereo audio jacks (RCA female).
3	Power Jack	The DC 5.3V power adapter cable plugs in here.

IR Remote Controller

#	Description	Function
1	Port Up / Port Down	Cycles the output selection up or down through the ports.
2	Port Selection	The bottom numbers correspond to the input ports on the rear panel of the HDTV A/V Switch.

Hardware Installation

Important: Ensure that all devices are powered off and properly grounded before connecting them to the HDTV A/V Switch.

Installing your HDTV A/V Switch involves the following five steps (please also refer to the installation diagram):

- Use 75-ohm component video cables to connect the Y/Pb/Pr jacks on the Video Out section of the HDTV A/V Switch to the input jacks on the video display.
- Use RCA stereo audio cables to connect the L/R jacks on the Audio Out section of the HDTV A/V Switch to the input jacks on the audio receiver, speakers or display device.
- Use 75-ohm component video cables to connect the component video output jacks on the source device to the Y/Pb/Pr jacks on input 1 of the HDTV A/V Switch.

- Use RCA stereo audio cables to connect the L/R jacks on the source device to the L/R jacks on input 1 on the HDTV A/V Switch.
- Repeat steps 3 and 4 for all source devices that you wish to connect.

Note: Ensure that the video and audio from a single source device are connected to the jacks in the same input section.

- Plug the power adapter into the AC power source appropriate for the plug, plug the power adapter cable into the DC Power Jack on the HDTV A/V Switch.
- This completes the installation. You may now turn on the display and source devices.

Port Switching

There are two convenient methods for switching among sources: Manual Selection and Remote Control Selection.

Manual Selection

To select a source device, press and release the front panel selection switch that corresponds to the port to which the device is connected.

Remote Control Selection

Press the Port Up or Port Down button on the remote controller to cycle through the source devices. Each time you press the button, the media focus switches from the current port to the next port (Port Up) or the previous port (Port Down).

To switch directly to a source device, press the number button (1, 2, 3, or 4) that corresponds to the port the device is connected to. The VS-231 only uses buttons 1 and 2, pressing buttons 3 and 4 has no effect.

Note: A turn the remote controller at the IR receiver located on the front panel of the HDTV A/V Switch. For optimum performance, make sure there is a clear line of sight between the remote controller and the IR receiver.

Powering Off and Restarting

You power off the VS-231 /VS-431, follow these steps before powering it on again:

- Power off the attached devices.
- Using the power adapter cable from the HDTV A/V Switch.
- Wait two seconds, then plug in the power adapter cable again.
- After the HDTV A/V Switch is powered on, power on the attached devices.

Specifications

Function	VS-231	VS-431
Connections	2	4
Port Selection	Front panel switches, IR remote controller	2 (orange), 4 (orange)
LEDs	2 (green)	4 (green)
Connectors	Video Out: (Y) RCA female (green) (Pb) RCA female (blue) (Pr) RCA female (red) (L) RCA female (white)	4 (green), 4 (blue), 4 (red), 4 (white)
Audio Out	(L) RCA female (red) (R) RCA female (white)	2 (red), 2 (white)
Video In	(Y) RCA female (green) (Pb) RCA female (blue) (Pr) RCA female (red) (L) RCA female (white)	2 (green), 2 (blue), 2 (red), 2 (white)
Audio In	(L) RCA female (red) (R) RCA female (white)	2 (red), 2 (white)
Port Selection Switches	DC 5.3V, 2.4A	2
Power Consumption	1.6Watt	2
Environment	Operating Temperature: 0 ~ 50 °C Storage Temperature: -20 ~ 60 °C Humidity: 10 ~ 90% RH, Non-condensing	2
Housing	Metal	0.8kg
Weight	0.8kg	0.8kg
Dimensions (L x P x H)	20 x 7.6 x 4 cm	26 x 7.6 x 4 cm

ATEN HDTV A/V VS-231/VS-431

Guide de l'utilisateur du commutateur

Matériel requis

Signal requis

- Connecteur vidéo (Y/Pb/Pr) et connecteur audio stéréo RCA

Périphériques de charge audiovisuelle

- Un périphérique d'affichage avec des prises jack d'entrée vidéo et audio
- Un récepteur audio, des haut-parleurs ou un périphérique d'affichage avec des prises jack d'entrée vidéo et audio

Câbles

- Deux VS-231 ou quatre VS-431 jeux de câbles avec des connecteurs RCA audio stéréo et vidéo en composante (Y/Pb/Pr) sont requis pour faire fonctionner correctement le commutateur HDTV A/V.

Remarque : Les câbles ne sont pas inclus dans l'emballage. Vous devez acheter séparément les câbles de haute qualité d'une longueur appropriée, car cela pourrait affecter l'affichage. Consultez votre revendeur pour acheter les bons jeux de câbles pour votre commutateur HDTV A/V.

Présentation du matériel

VS-231 /VS-431 Vue avant

#	Description	Fonction
1	Commutateurs de sélection des ports	En appuyant sur un commutateur, la source est acheminée depuis le port de sélection correspondant au port de sortie pour l'affichage.
2	Voyant de port	Les voyants de port sont intégrés dans les commutateurs de sélection des ports. Le voyant EN LIGNE (vert) s'allume pour indiquer que le périphérique relié au port correspondant est allumé.

VS-231 /VS-431 Vue arrière

#	Description	Fonction
1	Sortie audiovisuelle	La section de sortie se compose de prises jack audio stéréo et de vidéo en composante (RCA femelle).
2	Entrée audiovisuelle	La section d'entrée se compose de prises jack audio stéréo et de vidéo en composante (RCA femelle).
3	Prise jack d'alimentation	Le câble provenant de l'adaptateur secteur CC 5,3 V se branche ici.

Télécommande à infra rouge

#	Description	Fonction
1	Sortie audiovisuelle	Permet de faire défiler la sélection de sortie vers le haut et vers le bas via les ports.
2	Port Selection	Les numéros des boutons correspondent aux ports d'entrée sur le panneau arrière du commutateur HDTV A/V.

Installation du matériel

Important : Vérifiez que tous les périphériques sont éteints et correctement mis à la terre avant de les connecter au commutateur HDTV A/V.

L'installation de votre nouveau commutateur HDTV A/V implique les cinq étapes suivantes (veuillez vous reporter au diagramme d'installation) :

- Utilisez des câbles vidéo en composante de 75 ohm pour connecter les prises jack Y/Pb/Pr sur la section Sortie vidéo du commutateur HDTV A/V aux prises jack d'entrée sur l'écran vidéo.
- Utilisez des câbles audio stéréo RCA pour connecter les prises jack gauche/droite (L/R) sur la section Sortie audio du commutateur HDTV A/V aux prises jack d'entrée sur le récepteur audio.
- Utilisez des câbles vidéo en composante pour connecter les prises jack de sortie vidéo sur la section d'entrée du périphérique d'affichage.

- Utilisez des câbles audio stéréo RCA pour connecter les prises jack de sortie audio sur la section d'entrée du périphérique source.
- Répétez les étapes 3 et 4 pour tous les périphériques sources que vous voulez connecter.

Remarque : Vérifiez que la vidéo et l'audio d'un seul périphérique source sont connectés aux prises jack dans la même section d'entrée.

- Brancher la prise secteur dans une prise de courant standard CA appropriée pour le périphérique. Branchez le câble de l'adaptateur secteur dans la prise d'alimentation jack CC 5,3 V.
- Cela termine l'installation. Vous pouvez maintenant allumer l'écran et les périphériques sources.

Commutation des ports

Il existe deux méthodes pratiques pour passer d'une source à une autre : Sélection manuelle et Sélection par télécommande.

Sélection manuelle

Pour sélectionner un périphérique source, appuyez et relâchez le commutateur de sélection du panneau avant qui correspond au port auquel le périphérique est connecté.

Sélection par télécommande

Appuyez sur le bouton Port Up ou Port Down sur la télécommande pour défiler vers les périphériques sources. Chaque fois que vous appuyez sur le bouton, le câble du média passe du port sélectionné au port suivant (Port Up) ou au port précédent (Port Down).

Note : Pour passer directement à une périphérique source, appuyez sur le bouton numérique (1, 2, 3 ou 4) qui correspond au port auquel est connecté le périphérique. Les VS-231 utilisent uniquement les boutons 1 et 2, une pression sur les boutons 3 et 4 n'a aucun effet.

Remarque

1. Pointez la télécommande vers le récepteur à infra rouge situé sur le panneau avant du commutateur HDTV A/V.

2. Pour une performance optimale, vérifiez qu'il y a une visibilité directe entre la télécommande et le récepteur à infra rouge.

Arrêter et redémarrer

Si vous arrêtez les VS-231 /VS-431, suivez ces étapes avant de le redémarrer :

- Éteignez les périphériques auxquels il est relié.
- Débranchez le câble de l'adaptateur secteur du commutateur HDTV A/V.
- Patientez dix secondes puis, rebranchez le câble de l'adaptateur secteur.

Une fois le commutateur HDTV A/V allumé, allumez les périphériques auxquels il est relié.

Specifications

Function	VS-231	VS-431
Connections	2	4
Port Selection	Front panel switches, IR remote controller	2 (orange), 4 (orange)
LEDs	2 (green)	4 (green)
Connectors	Video Out: (Y) RCA female (green) (Pb) RCA female (blue) (Pr) RCA female (red) (L) RCA female (white)	4 (green), 4 (blue), 4 (red), 4 (white)
Audio Out	(L) RCA female (red) (R) RCA female (white)	2 (red), 2 (white)
Video In	(Y) RCA female (green) (Pb) RCA female (blue) (Pr) RCA female (red) (L) RCA female (white)	2 (green), 2 (blue), 2 (red), 2 (white)
Audio In	(L) RCA female (red) (R) RCA female (white)	2 (red), 2 (white)
Port Selection Switches	DC 5.3V, 2.4A	2
Power Consumption	1.6Watt	2
Environment	Operating Temperature: 0 ~ 50 °C Storage Temperature: -20 ~ 60 °C Humidity: 10 ~ 90% RH, Non-condensing	2
Housing	Metal	0.8kg
Weight	0.8kg	0.8kg
Dimensions (L x P x H)	20 x 7.6 x 4 cm	26 x 7.6 x 4 cm

Functional Requirements

- Component video (Y/Pb/Pr) and RCA stereo audio output jacks

Audio/Video Load (Devices)

- A display device having component video input jacks
- An audio receiver, speakers, or display device having RCA stereo audio input jacks

Cables

- Two VS-231 or four VS-431 cable sets with component video (Y/Pb/Pr) and stereo audio connectors are required to properly operate the HDTV A/V Switch.

Note: Cables are not included in this package.

Hardware Overview

VS-231 /VS-431 Front View

#	Description	Function
1	Port Selection Switches	Pressing a switch routes the source from the corresponding input port to the output port for display.
2	Port LEDs	The Port LEDs are built into the Port Selection Switches. The ON LINE LED (green) lights to indicate that the device attached to the corresponding port is powered on. The SELECTED LED (green) lights to indicate that the port is selected.
3	IR Receiver	The receiver for the IR remote controller.

VS-231 /VS-431 Rear View

#	Description	Function
1	Audio/Video Out	The output section is comprised of component video and stereo audio jacks (RCA female).
2	Audio/Video In	The input section is comprised of component video and stereo audio jacks (RCA female).
3	Power Jack	The DC 5.3V power adapter cable plugs in here.

IR Remote Controller

#	Description	Function
1	Port Up / Port Down	Cycles the output selection up or down through the ports.
2	Port Selection	The bottom numbers correspond to the input ports on the rear panel of the HDTV A/V Switch.

Hardware Installation

Important: Ensure that all devices are powered off and properly grounded before connecting them to the HDTV A/V Switch.

Installing your HDTV A/V Switch involves the following five steps (please also refer to the installation diagram):

- Use 75-ohm component video cables to connect the Y/Pb/Pr jacks on the Video Out section of the HDTV A/V Switch to the input jacks on the video display.
- Use RCA stereo audio cables to connect the L/R jacks on the Audio Out section of the HDTV A/V Switch to the input jacks on the audio receiver, speakers or display device.
- Use 75-ohm component video cables to connect the component video output jacks on the source device to the Y/Pb/Pr jacks on input 1 of the HDTV A/V Switch.

- Use RCA stereo audio cables to connect the L/R jacks on the source device to the L/R jacks on input 1 on the HDTV A/V Switch.
- Repeat steps 3 and 4 for all source devices that you wish to connect.

Note: Ensure that the video and audio from a single source device are connected to the jacks in the same input section.

- Plug the power adapter into the AC power source appropriate for the plug, plug the power adapter cable into the DC Power Jack on the HDTV A/V Switch.
- This completes the installation. You may now turn on the display and source devices.

Port Switching

There are two convenient methods for switching among sources: Manual Selection and Remote Control Selection.

Manual Selection

To select a source device, press and release the front panel selection switch that corresponds to the port to which the device is connected.

Remote Control Selection

Press the Port Up or Port Down button on the remote controller to cycle through the source devices. Each time you press the button, the media focus switches from the current port to the next port (Port Up) or the previous port (Port Down).

To switch directly to a source device, press the number button (1, 2, 3, or 4) that corresponds to the port the device is connected to. The VS-231 only uses buttons 1 and 2, pressing buttons 3 and 4 has no effect.

Note: A turn the remote controller at the IR receiver located on the front panel of the HDTV A/V Switch. For optimum performance, make sure there is a clear line of sight between the remote controller and the IR receiver.

Powering Off and Restarting

You power off the VS-231 /VS-431, follow these steps before powering it on again:

- Power off the attached devices.
- Using the power adapter cable from the HDTV A/V Switch.
- Wait two seconds, then plug in the power adapter cable again.
- After the HDTV A/V Switch is powered on, power on the attached devices.

Specifications

Function	VS-231	VS-431
Connections	2	4
Port Selection	Front panel switches, IR remote controller	2 (orange), 4 (orange)
LEDs	2 (green)	4 (green)
Connectors	Video Out: (Y) RCA female (green) (Pb) RCA female (blue) (Pr) RCA female (red) (L) RCA female (white)	4 (green), 4 (blue), 4 (red), 4 (white)
Audio Out	(L) RCA female (red) (R) RCA female (white)	2 (red), 2 (white)
Video In	(Y) RCA female (green) (Pb) RCA female (blue) (Pr) RCA female (red) (L) RCA female (white)	2 (green), 2 (blue), 2 (red), 2 (white)
Audio In	(L) RCA female (red) (R) RCA female (white)	2 (red), 2 (white)
Port Selection Switches	DC 5.3V, 2.4A	2
Power Consumption	1.6Watt	2
Environment	Operating Temperature: 0 ~ 50 °C Storage Temperature: -20 ~ 60 °C Humidity: 10 ~ 90% RH, Non-condensing	2
Housing	Metal	0.8kg
Weight	0.8kg	0.8kg
Dimensions (L x P x H)	20 x 7.6 x 4 cm	26 x 7.6 x 4 cm

Functional Requirements

- Component video (Y/Pb/Pr) and RCA stereo audio output jacks

Audio/Video Load (Devices)

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Cables

- Two VS-231 or four VS-431 cable sets with component video (Y/Pb/Pr) and stereo audio connectors are required to properly operate the HDTV A/V Switch.

Note: Cables are not included in this package.

Hardware Overview

VS-231 /VS-431 Front View

#	Description	Function
1	Port Selection Switches	Pressing a switch routes the source from the corresponding input port to the output port for display.
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VS-231 /VS-431 Rear View

#	Description	Function
1	Audio/Video Out	The output section is comprised of component video and stereo audio jacks (RCA female).
2	Audio/Video In	The input section is comprised of component video and stereo audio jacks (RCA female).
3	Power Jack	The DC 5.3V power adapter cable plugs in here.

IR Remote Controller

#	Description	Function
1	Port Up / Port Down	Cycles the output selection up or down through the ports.
2	Port Selection	The bottom numbers correspond to the input ports on the rear panel of the HDTV A/V Switch.

Hardware Installation

Important: Ensure that all devices are powered off and properly grounded before connecting them to the HDTV A/V Switch.

Installing your HDTV A/V Switch involves the following five steps (please also refer to the installation diagram):

- Use 75-ohm component video cables to connect the Y/Pb/Pr jacks on the Video Out section of the HDTV A/V Switch to the input jacks on the video display.
- Use RCA stereo audio cables to connect the L/R jacks on the Audio Out section of the HDTV A/V Switch to the input jacks on the audio receiver, speakers or display device.
- Use 75-ohm component video cables to connect the component video output jacks on the source device to the Y/Pb/Pr jacks on input 1 of the HDTV A/V Switch.

- Use RCA stereo audio cables to connect the L/R jacks on the source device to the L/R jacks on input 1 on the HDTV A/V Switch.
- Repeat steps 3 and 4 for all source devices that you wish to connect.

Note: Ensure that the video and audio from a single source device are connected to the jacks in the same input section.

- Plug the power adapter into the AC power source appropriate for the plug, plug the power adapter cable into the DC Power Jack on the HDTV A/V Switch.
- This completes the installation. You may now turn on the display and source devices.

Port Switching

There are two convenient methods for switching among sources: Manual Selection and Remote Control Selection.

Manual Selection

To select a source device, press and release the front panel selection switch that corresponds to the port to which the device is connected.

Remote Control Selection